

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Smith

GENERAL INFORMATION:

Name:	Ambrake Corporation
Address:	300 Ring Road, Elizabethtown, Kentucky 42701
Date application received:	December 14, 1998
SIC/Source description:	3714
EIS Plant ID:	21-093-00054
Application log number:	50718
Permit number:	V-04-001

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM10	13.5	13.5
SO ₂	0.09	0.09
NO _x	15.27	15.27
CO	12.83	12.83
VOC	94.25	155.79
HAPs		
Trichloroethylene	3.06	3.06
Methyl Ethyl Ketone	19.74	78.67
HCl	13.36	13.36
Glycol Ethers	2.97	2.97
Chlorobenzene	1.91	1.91
Methyl Isobutyl Ketone	1.06	1.06
Formaldehyde	0.06	0.06
Toluene	1.74	3.55
Methanol	0.06	0.85

SOURCE PROCESS DESCRIPTION:

AMBRAKE Manufacturing Ltd. owns and operates a manufacturing facility in Elizabethtown, Kentucky that specializes in the manufacture of automobile brake parts and accessories. The source began construction and started operations in 1986. In the process of producing brake pads, raw friction material is mixed, blended, dried, premolded in preforming presses, adjoined to metal pressure plates, heat cured in after cure ovens, and shaped by cutting and grinding to meet customer specifications. Finally, the brake pads are marked, painted, and packaged for shipment.

Ambrake is considered a Title V major source due to emissions of hazardous air pollutants and volatile organic compounds. Specifically, Ambrake has the potential to emit greater than 25 tons per year of combined HAPs and greater than 100 tons per year of VOCs. This source is not a PSD source because it is not one of the 28 source categories for which PSD is triggered by potential emissions of 100 tons/year.